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GROUP 2700

Sheet 1 of 1

Form PTO—1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	Applicant Gilbert Hyatt	
	Filing Date	Group Art Unit

EXAMINER INITIALS	U.S. PATENT DOCUMENTS					
	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	
	3,629,837	12/1971	Fraunfelder et al	455	38.4	
	3,701,019	10/1972	Jackson	340	518	
	3,899,662	08/12/75	Kreeger et al	235	151	
	3,952,296	04/1976	Bates	345	197	
	3,958,220	02/1986	Marshall			
	4,179,586	12/1979	Mathews et al	380	33	
	4,188,580	02/1980	Nicolai et al	380	254	
	4,188,618	12/1971	Weisbart	340	870.16	
	4,494,140	01/1985	Michael	348	415	
	4,496,972	01/1985	Lippmann et al			
	4,543,572	09/24/85	Tanaka et al	340	995	
	4,600,919	07/1986	Stern	345	473	
	OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>					
	Meagher, Donald: "Efficient Synthetic Image Generation of Arbitrary 3-D Objects", 1982 IEEE, pp. 473-478 Pertinent Concepts in Computer Graphics edited by M. Faiman and J. Nievergelt (03/1969)					
EXAMINER			DATE CONSIDERED <u>7/23/01</u>			
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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Sheet <u>1</u> of <u>1</u> Application Number
	Applicant Gilbert Hyatt	
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U.S. PATENT DOCUMENTS					
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	2,811,579	10/29/57	Loughren	348	760
	3,649,755	03/14/72	Newman	348	602
	3,786,307	01/15/74	Robinson	315	169TV
	3,895,861	07/22/75	Herndon	352	69
	3,975,661	08/17/76	Kanatani	348	78
	4,006,298	02/01/77	Fowler et al	345	147
	4,087,792	05/02/78	Asars	345	147
	4,160,191	07/03/79	Hausfeld	315	169.4
	4,266,253	03/05/81	Matherat	345	27
	4,357,624	11/1982	Greenberg	348	578
	4,386,367	05/31/83	Peterson et al	348	446
	4,430,673	02/1984	Salomon et al		
	4,533,950	08/1985	Harshbarger		
	4,589,022	05/13/86	Prince et al	348	602
	4,716,405	12/29/87	Yamaguchi	340	723
	4,766,430	08/23/88	Gillette et al	345	89
	4,827,085	05/02/89	Yaniv et al	345	164
	4,839,743	06/1989	Best et al	386	31
	4,965,559	10/23/90	Dye	340	717
	5,122,791	06/16/92	Gibbons et al	345	102
	5,185,602	02/09/93	Bassetti, Jr. et al	345	89
	5,196,839	03/23/93	Johary et al	340	793
	5,233,340	08/03/93	Yamaguchi et al	345	148
	5,262,698	11/16/93	Dunham	315	169.1

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Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Docket Number

Application Number

Applicant

Gilbert Hyatt

Filing Date

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	3,178,148	04/65	McKenna	395	555
	3,252,148	05/66	Mitchell	327	144
	3,532,813	10/06/70	Lechner		
	3,573,852	04/71	Watson	395	677
	3,617,718	11/71	Dummermuth	318	571
	3,676,585	07/11/72	Kaneko et al	178	6.8
	3,702,462	11/72	England	395	821
	3,705,310	12/72	Wild	349	24
	3,732,366	05/08/73	Bolie	340	146.3
	3,742,483	06/73	Ogle	345	69
	3,776,615	12/73	Tsukamoto et al	345	87
	3,781,865	12/25/73	Yamazaki		
	3,899,786	08/75	Greubel et al	345	32
	3,915,548	10/75	Opittek et al	345	87
	4,005,928	02/77	Kmetz et al	345	195
	4,198,630	04/15/80	Sarinken et al		
	4,205,389	05/80	Heartz	345	524
	4,245,248	01/13/81	Netravali et al	358	136
	4,287,529	09/81	Tatami et al	348	616
	4,317,169	02/82	Panepinto, Jr. et al	711	106
	4,427,978	01/24/84	Williams		
	4,581,721	04/86	Gunawardana	365	230.09
	4,591,848	05/27/86	Morozumi et al		
	4,591,902	05/86	Masubuchi	345	147
4,628,158	12/04/86	Rubin	379	10	
4,677,576	06/30/87	Berlin, Jr. et al	364	522	
4,723,171	02/02/88	Kuijk et al			

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7/23/01

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Sheet 2 of 2

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number	Application Number
	Applicant Gilbert Hyatt	
	Filing Date	Group Art Unit

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	4,771,279	09/88	Hannah	345	147
	4,791,417	12/13/88	Bobak		
	4,930,049	05/29/90	Davenport et al		
	5,124,695	08/23/92	Green		
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>					

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Sheet 1 of 1

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

Docket Number

Application Number

Applicant

Gilbert Hyatt

Filing Date

Group Art Unit

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	3,099,781	07/1963	Herchenroeder	318	571
	3,121,861	06/1960	Alexander	345	207
	3,465,298	09/1969	La Duke	364	474.01
	3,576,540	04/1971	Fair	364	138
	3,591,781	07/1971	Brenza	364	474.28
	3,612,976	10/1971	Tripp	364	183
	3,633,013	01/1972	Dummermuth	318	571
	3,653,161	04/1972	Clark	318	569
	3,699,317	10/1972	Middleditch	364	474.29
	3,883,728	05/13/75	Schwartz et al	235	152
	4,553,222	11/1985	Kurland et al	705	15
	4,614,941	09/1986	Jarvis		
	4,679,082	07/1987	Shibasaki	348	466
	4,803,551	02/1989	Park	348	466
	4,820,222	04/1989	Holmberg et al	345	93
	4,829,372	05/1989	McCalley et al	348	7
	4,897,724	01/1990	Veldhuis		
	4,965,825	10/1990	Harvey et al	380	9
	5,081,523	01/1992	Frazier	348	178
	5,867,166	02/02/99	Myhrvold et al	345	419
OTHER DOCUMENTS <small>(Including Author, Title, Date, Pertinent Pages, Etc.)</small>					
Foley et al., Computer Graphics: Principles & Practice, p. 4-7, 201-203, 230-231, 350-351, 364-371, 864-871 (1992)					

EXAMINER

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Sheet 1 of 1

Form PTO—1449		Docket Number		Application Number	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant			
		Gilbert Hyatt			
		Filing Date		Group Art Unit	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	4,533,942	8/1985	Gall et al	358	78
	4,651,287	3/1987	Tsao	364	519

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number 307	Application Number 07/848,017
	Applicant Gilbert Hyatt	
	Filing Date April 3, 1986	Group Art Unit 2784

U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	2,811,579	10/29/57	Loughren	348	760
	3,099,781	07/1963	Herchenroeder	318	571
	3,121,861	06/1960	Alexander	345	207
	3,178,148	04/65	McKenna	395	555
	3,252,148	05/66	Mitchell	327	144
	3,465,298	09/1969	La Duke	364	474.01
	3,532,813	10/06/70	Lechner		
	3,573,852	04/71	Watson	395	677
	3,576,540	04/1971	Fair	364	138
	3,591,781	07/1971	Brenza	364	474.28
	3,599,180	08/71	Rubinstein	365	150
	3,612,976	10/1971	Tripp	364	183
	3,617,718	11/71	Dummermuth	318	571
	3,629,837	12/1971	Fraunfelder et al	455	38.4
	3,633,013	01/1972	Dummermuth	318	571
	3,641,331	02/72	Kreidermacher	708	624
	3,649,755	03/14/72	Newman	348	602
	3,653,161	04/1972	Clark	318	569
	3,676,585	07/11/72	Kaneko et al	178	6.8
	3,699,317	10/1972	Middleditch	364	474.29
	3,701,019	10/1972	Jackson	340	518
	3,702,462	11/72	England	395	821
	3,705,310	12/72	Wild	349	24
	3,732,366	05/08/73	Bolie	340	146.3
	3,742,483	06/73	Ogle	345	69
	3,776,615	12/73	Tsukamoto et al	345	87
	3,781,865	12/25/73	Yamazaki		

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Form PTO—1449		Docket Number 307	Application Number 07/848,017		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Gilbert Hyatt			
		Filing Date April 3, 1986	Group Art Unit 2784		
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS
	3,786,307	01/15/74	Robinson	315	169TV
	3,883,728	05/13/75	Schwartz et al	235	152
	3,895,861	07/22/75	Herndon	352	69
	3,899,662	08/12/75	Kreeger et al	235	151
	3,899,786	08/75	Greubel et al	345	32
	3,915,548	10/75	Opittek et al	345	87
	3,952,296	04/1976	Bates	345	197
	3,958,220	02/1986	Marshall		
	3,975,661	08/17/76	Kanatani	348	78
	4,005,928	02/77	Kmetz et al	345	195
	4,006,298	02/01/77	Fowler et al	345	147
	4,087,792	05/02/78	Asars	345	147
	4,125,873	11/78	Chesarek		
	4,160,191	07/03/79	Hausfeld	315	169.4
	4,179,586	12/1979	Mathews et al	380	33
	4,188,580	02/1980	Nicolai et al	380	254
	4,188,618	12/1971	Weisbart	340	870.16
	4,198,630	04/15/80	Sarinken et al		
	4,205,389	05/80	Heartz	345	524
	4,245,248	01/13/81	Netravali et al	358	136
	4,266,253	03/05/81	Matherat	345	27
	4,287,529	09/81	Tatami et al	348	616
	4,317,169	02/82	Panepinto, Jr. et al	711	106
	4,357,624	11/1982	Greenberg	348	578
4,386,367	05/31/83	Peterson et al	348	446	
4,427,978	01/24/84	Williams			
4,430,673	02/1984	Salomon et al			
4,494,140	01/1985	Michael	348	415	
EXAMINER Z. S. Hannell	DATE CONSIDERED 7/23/01				
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Sheet 3 of 4

Form PTO—1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Docket Number 307	Application Number 07/848,017
	Applicant Gilbert Hyatt	
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U.S. PATENT DOCUMENTS					
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	4,496,972	01/1985	Lippmann et al		
	4,533,942	8/1985	Gall et al	358	78
	4,533,950	08/1985	Harshbarger		
	4,543,572	09/24/85	Tanaka et al	340	995
	4,553,222	11/1985	Kurland et al	705	15
	4,581,721	04/86	Gunawardana	365	230.09
	4,589,022	05/13/86	Prince et al	348	602
	4,591,848	05/27/86	Morozumi et al		
	4,591,902	05/86	Masubuchi	345	147
	4,600,919	07/1986	Stern	345	473
	4,614,941	09/1986	Jarvis		
	4,628,158	12/04/86	Rubin	379	10
	4,651,287	3/1987	Tsao	364	519
	4,654,877	03/87	Shimoni, et al.		
	4,677,576	06/30/87	Berlin, Jr. et al	364	522
	4,679,082	07/1987	Shibasaki	348	466
	4,716,405	12/29/87	Yamaguchi	340	723
	4,723,171	02/02/88	Kuijk et al		
	4,766,430	08/23/88	Gillette et al	345	89
	4,771,279	09/88	Hannah	345	147
	4,791,417	12/13/88	Bobak		
	4,803,551	02/1989	Park	348	466
	4,820,222	04/1989	Holmberg et al	345	93
	4,827,085	05/02/89	Yaniv et al	345	164
	4,829,372	05/1989	McCalley et al	348	7
	4,839,743	06/1989	Best et al	386	31
	4,897,724	01/1990	Veldhuis		
	4,930,049	05/29/90	Davenport et al		

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	Applicant Gilbert Hyatt	
	Filing Date April 3, 1986	Group Art Unit 2784

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	4,965,559	10/23/90	Dye	340	717
	4,965,825	10/1990	Harvey et al	380	9
	5,081,523	01/1992	Frazier	348	178
	5,122,791	06/16/92	Gibbons et al	345	102
	5,124,695	08/23/92	Green		
	5,185,602	02/09/93	Bassetti, Jr. et al	345	89
	5,196,839	03/23/93	Johary et al	340	793
	5,233,340	08/03/93	Yamaguchi et al	345	148
	5,262,698	11/16/93	Dunham	315	169.1
	5,867,166	02/02/99	Myhrvold et al	345	419
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)					
	Foley et al., Computer Graphics: Principles & Practice, p. 4-7, 201-203, 230-231, 350-351, 364-371, 864-871 (1992)				
	Brickman, N.F., <u>LARGE SCALE INTEGRATION</u> , IBM Tech. Discl. Bul. pp. 1927-1928, Vol. 13 No. 7, Dec. 1970				
	Brickman, N.F., <u>REDUNDANT MEMORY CELL AND DECODER</u> , IBM Tech. Discl. Bul., Vol. 13 No. 7, Dec. 1970				
	Meagher, Donald: "Efficient Synthetic Image Generation of Arbitrary 3-D Objects:", 1982 IEEE, pp. 473-478				
	Pertinent Concepts in Computer Graphics edited by M. Faiman and J. Nievergelt (03/1969)				

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FORM PTO-449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
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ATTY. DOCKET NO.

307 APR 28 1987

SERIAL NO.

848,017

LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT

Gilbert P. Hyatt

FILING DATE

April 3, 1986

GROUP

Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	AA	3 0 3 3 4 53	5/62	Lode	235	152	
AB	AB	3 1 9 7 6 21	7/65	Urquhard	235	152	
AB	AC	3 4 7 9 4 95	11/69	Malm	235	181	
AB	AD	3 5 1 4 7 57	5/70	Weintraub	235	156	
AB	AE	3 5 4 4 7 75	12/70	Bergland et al	235	181	
AB	AF	3 5 8 1 0 78	5/71	Robertson	235	181	
AB	AG	3 6 3 3 1 70	1/72	Jones	333	70T	
AB	AH	3 9 0 3 4 01	9/75	Jayant	324	77B	
AB	AI	3 9 0 6 4 00	9/75	Gooding et al	333	70T	
AB	AJ	4 0 2 3 0 28	5/77	Dillard	364	726	
AB	AK	4 0 5 8 7 15	11/77	Niva	364	726	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	AQ	Nakamura: A digital correlator using delta modulation. IEEE Transactions on Acoustics, Speech, and Signal Processing, June 1976 P 238-243
	AR	
	AS	
	AT	
	AU	
	AV	

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FORM PTO-1449 (REV. 7-40)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 307		SERIAL NO. 848,010UP-220	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT Gilbert P. Hyatt			
				FILING DATE April 3, 1986		GROUP Not Yet Assigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
288	AA	3 4 4 4 3 6 0	5/69	Swan	364	606	
188	AB	3 4 4 6 9 4 9	5/69	Trimble	364	734	
288	AC	3 4 9 6 5 2 9	2/70	Anstry et al	340	15.5 CC	
188	AD	3 5 7 3 6 2 2	4/71	Holzman et al	325	38	
188	AE	3 6 1 4 6 2 6	10/71	Dillard	325	323	
188	AF	3 6 2 9 8 0 0	12/71	Schneider	340	15.500	
188	AG	3 7 0 1 8 9 4	10/72	Low et al	364	728	
188	AH	3 7 1 5 6 6 6	2/73	Mueller	325	42	
188	AI	3 7 3 1 2 6 8	5/73	Landrum	340	15.5 DP	
188	AJ	3 7 3 2 4 0 9	5/73	Fletcher	364	724	
188	AK	3 7 6 7 9 0 7	10/73	Radcliffe, Jr.	364	822	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ						
	AR						
	AS						
	AT						
	AU						
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EXAMINER Adol B. Lamm				DATE CONSIDERED 9/23/01			
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Sheet 3 of 10

FORM PTO-149 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 307		SERIAL NO. 848,017	
LIST OF TRADE MARKS CITED BY APPLICANT (Indicate sheets if necessary)		APPLICANT Gilbert P. Hyatt					
		FILING DATE April 3, 1986				GROUP Not Yet Assigned	

U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AB	AA	3 7 7 7 1 3 3	12/73	Beck et al	364	728		
AB	AB	3 8 3 1 0 1 3	8/74	Alsup et al	364	728		
AB	AC	3 8 7 5 3 9 4	4/75	Shapely	364	604		
AB	AD	3 8 8 3 7 2 5	5/75	Fort et al	340	15.5 DP		
AB	AE	3 9 3 5 4 3 9	1/76	Buss et al	364	824		
AB	AF	3 9 4 9 2 0 6	4/76	Edwards et al	325	42		
AB	AG	4 0 1 3 9 9 8	3/77	Bucciarelli et al	364	517		
AB	AH	4 0 3 7 1 5 9	7/77	Martin	325	30		
	AI							
	AJ							
	AK							

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
AB	AQ	Seriff et al., "The Effect of Harmonic...Surface Sources", 4/70, pp. 234-246, Geophysics, vol 35, #2
	AR	
	AS	
	AT	
	AU	
	AV	

EXAMINER	<i>Richard J. Schmitt</i>	DATE CONSIDERED	9/23/01
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Sheet 4 of 10FORM PTO-1432
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
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307

SERIAL NO.

848,017

LIST OF 1987 ARTS CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Gilbert P. Hyatt

FILING DATE

April 3, 1986

GROUP

Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	3 7 7 2 6 8 1	11/73	Skingle	364	607	
AB	3 7 8 9 1 9 9	1/74	Kotwicki	364	602	
AC	3 8 9 4 2 1 9	7/75	Weigel	364	602	
AD	3 7 3 5 2 6 9	5/73	Jackson	328	14	
AE	3 6 2 9 5 0 9	12/71	Glaser	364	724	
AF	3 5 2 1 1 7 0	7/70	Leuthol	364	602	
AG						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	
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EXAMINER

A. H. N. S. T. H. L.

DATE CONSIDERED

9/23/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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APR 28 1987

Sheet 5 of 10

FORM PTO-149 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 307	SERIAL NO. 848,017
LIST OF PATENTS CITED BY APPLICANT (Indicate page if necessary)	APPLICANT Gilbert P. Hyatt		
FILING DATE April 3, 1986		GROUP Not Yet Assigned	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	AA	2 6 24 8 7 6					
AB	AB	2 6 7 89 9 7	5/54	Pulse Transmission			
AB	AC	2 6 8 81 2 4					
AB	AD	2 7 6 0 1 64					
	AE	2 8 0 85 7 7	10/57	Method of and Apparatus For Determining the Travel Time of Signals			
	AF						
	AG	2 8 7 4 79 5					
	AH	2 9 1 0 13 4					
	AI	3 0 1 1 58 2					
	AJ	3 0 1 8 96 2					
	AK	3 0 2 4 9 94	3/62	Crosscorrelation Apparatus			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	DIGITAL SIGNAL PROCESSING by Robiner and Radner for the IEEE Press (1972);
	AR	THE FAST FOURIER TRANSFORM AND ITS IMPLEMENTATION by Butler and Harvey;
	AS	SEISMIC FILTERING by Rothenburg and Van Nostrand for the Society of Exploration Geophysicists (1971);
	AT	ENCYCLOPEDIA OF EXPLORATION GEOPHYSICS by Sheriff for the Society of Exploration Geophysicists (1973);
	AU	THE ROBINSON TREITEL READER by Seismograph Service Corp (1973);
	AV	DIGITAL SIGNAL PROCESSING by Oppenheimer and Schafer for Prentice Hall (1974).

EXAMINER

Robert A. Hume

DATE CONSIDERED

9/23/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-449 (REV. 7-40)	APR 20 1987 MAIL ROOM	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 307	SERIAL NO. 8481017220
LIST OF CITED BY APPLICANT (Indicate sheets if necessary)			APPLICANT Gilbert P. Hyatt	
			FILING DATE April 3, 1986	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	AA	3069453					
	AB						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	METHODS FOR SOLVING ENGINEERING PROBLEMS USING ANALOG COMPUTERS by Levine for McGraw Hill (1964);
AR	ANALOG COMPUTERS by Korn and Korn;
AS	JUNCTION TRANSISTOR ELECTRONICS by Hurley for John Wiley & Sons (1958)
AT	DIGITAL COMPUTER DESIGN FUNDAMENTALS by Chu for McGraw Hill (1962);
AU	DIGITAL COMPUTER DESIGN by Braun for Academic Press (1963);
AV	THE TTL DATA BOOK by Texas Instruments Inc (1973)

EXAMINER

Robert B. Hill

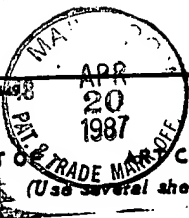
DATE CONSIDERED

9/23/01

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Sheet 2 of 10

FORM PTO-1488
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

307

SERIAL NO.

848,017

GROUP 220

LIST OF TRADE MARKS CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT

Gilbert P. Hyatt

FILING DATE

April 3, 1986

GROUP

Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	AQ	PROGRAMMING AND CODING DIGITAL COMPUTERS by Sherman for John Wiley & Sons (1963);
<input checked="" type="checkbox"/>	AR	DIGITAL COMPUTER PROGRAMMING by Stark for MacMillan Co (1967);
<input checked="" type="checkbox"/>	AS	PROGRAMMING FOR DIGITAL COMPUTERS by Jeenel for McGraw Hill (1959)
<input checked="" type="checkbox"/>	AT	IBM 360 PROGRAMMING AND COMPUTING by Golden and Leichus for Prentis-Hall (1967);
<input checked="" type="checkbox"/>	AU	FUNDAMENTALS OF FLOWCHARTING by Schriber for John Wiley & Sons (1969);
<input checked="" type="checkbox"/>	AV	PROGRAMMING, AN INTRODUCTION TO COMPUTER LANGUAGES by Maurer for Holden-Day (1968)

EXAMINER

D. J. O'Hara

DATE CONSIDERED

9/23/01

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Sheet 10

FORM PTO-1449 (REV. 7-80)		APR 20 1987 MAILED		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 307		SERIAL NO. 848,017	
LIST OF TRADEMARKS CITED BY APPLICANT (Use separate sheets if necessary)						APPLICANT Gilbert P. Hyatt		GROUP Not Yet Assigned	
FILING DATE April 3, 1986									
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
AA									
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FOREIGN PATENT DOCUMENTS									
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
✓	AQ	DESIGN OF REAL-TIME COMPUTER SYSTEMS by Martin;							
✓	AR	ELEMENTS OF COMPUTER PROGRAMMING by Swallow and Price for Holt Rinehart, and Winston (1965)							
	AS								
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EXAMINER				DATE CONSIDERED					
				9/23/01					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-149 (REV. 7-80)		APR 20 1987 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 307		SERIAL NO. 848,017	
LIST OF ARTS CITED BY APPLICANT (Indicate page numbers if necessary)				APPLICANT Gilbert P. Hyatt			
				FILING DATE April 3, 1986		GROUP Not Yet Assigned	
U.S. PATENT DOCUMENTS :							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AQ	CORRELATION TECHNIQUES - A REVIEW by Anstey for Geophysical Prospecting XII; --					
	AR	THE THEORY AND DESIGN OF CHIRP RADARS by Klauder in the Bell System Technical Journal vol XXXIX no 4 (July 1960)					
	AS	A CURRENT DISTRIBUTION FOR BROADSIDE ARRAYS WHICH OPTIMIZES THE RELATIONSHIP BETWEEN BEAM WIDTH AND SIDE-LOBE LEVEL by Dolph in the Proceedings of the IRE on Waves and Electrons (June 1946);					
	AT						
	AU	DESIGNERS GUIDE TO DIGITAL FILTERS by Leon and Bass in EDN Magazine (January 1974 - June 1974)					
	AV	THE SPECTRUM OF CLIPPED NOISE by Van Vleck and Middleton in the Proceedings of the IEEE (January 1966);					
EXAMINER <i>Robert A. Hume</i>				DATE CONSIDERED 9/23/01			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-129
(REV. 7-81)APR 20
LIST OF 1987

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

307

SERIAL NO.

848,017

APPLICANT

Gilbert P. Hyatt

FILING DATE

April 3, 1986

GROUP

Not Yet Assigned

U.S. PATENT DOCUMENTS :

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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APR 25 1987

GROUP 220

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AL							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	CHARGE COUPLEDD DEVICES AND APPLICATIONS by Carnes and Kosonocky for Solid State Engineering Magazine (April 1974);
AR	CHARGE-COUPLED SEMICONDUCTOR DEVICES by Boyle and Smith for the Bell System Technical Journal (1970);
AS	EXPERIMENTAL VERIFICATION OF THE CHARGE COUPLED DEVICE CONCEPT by Amelio for the Bell System Technical Journal (April 1970)
AT	
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EXAMINER

W. H. Hunt

DATE CONSIDERED

9/23/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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#4 DISCLOSURE Statement 11/2/84

FORM PTO-1449
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
307

DEC 12 1988 48,017

LIST OF ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT
Gilbert P. Hyatt

FILING DATE
April, 1986

GROUP
220

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
I.J.L.	AA	4 2 0 9 8 4 3	6/24/80	Hyatt	367	598	
I.J.L.	AB	4 4 8 6 8 5 0	12/4/84	Hyatt	364	724.8	
I.J.L.	AC	4 4 9 1 9 3 0	1/1/85	Hyatt	364	602	
I.J.L.	AD	4 5 5 1 8 1 6	11/5/85	Hyatt	364	728.05	
I.J.L.	AE	4 5 5 3 2 1 3	11/12/85	Hyatt	364	514	
I.J.L.	AF	4 5 5 3 2 2 1	11/12/85	Hyatt	364	724.05	
I.J.L.	AG	4 5 8 1 7 1 5	4/8/86	Hyatt	364	726	
I.J.L.	AH	4 6 8 6 6 5 5	8/11/87	Hyatt	367	59.	
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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IAN LOBO

DATE CONSIDERED

2/10/89

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